EUPHORBIA HELIOSCOPIA. SUN SPURGE OR WART-WORT.

EUPHORBIA *Linnæi Gen. Pl.* DODECANDRIA TRIGYNIA.

Cor. 4-ſ. 5-petala, calyci inſidens. *Cal.* 1-phyllus, ventricoſus. *Capſ.* 3-cocca.

Raii Syn. Gen. 22. HERBÆ VASCULIFERÆ, FLORE TETRAPETALO ANOMALÆ.

EUPHORBIA umbella quinquefida : trifida : dichotoma, involucellis obovatis, foliis cuneiformibus ſerratis. *Linn. Syſt. Vegetab. p.* 377. *Sp. Plant.* 658. *Fl. Suecic. p.* 162.

TITHYMALUS foliis petiolatis, ſubrotundis, ſerratis, ſtipulis rotundis, ſerratis. *Haller hiſt. v.* 2. *p.* 10. *n.* 1050.

TITHYMALUS *helioſcopius. Scopoli Fl. Carniol. p.* 337. *n.* 579.

TITHYMALUS *helioſcopius. Bauhin Pin.* 291. *Gerard emac.* 458. *Parkinſon.* 189.

TITHYMALUS *helioſcopius* ſive ſoliſequus. *I. B.* 3. 669. *Raii Syn.* 313. *Hudſon Fl. Angl. p.* 183.

RADIX ſimplex, fibroſa, annua.

CAULIS erectus, teres, piloſus, inferne brachiatus, brachiis oppoſitis.

FOLIA ſparſa, pauca, glabra, *ſerrata*, cuneiformia, inferiora petiolata, ſuperiora ſeſſilia.

UMBELLA quinquefida, trifida, dichotoma, patens, faſtigiata.

STIPULÆ minute ſerratæ, glabræ, UMBELLÆ quinque, obovatæ, horizontales, æquales, *Umbellulæ* tres, ovatæ, inæquales, interiore duplo minore, quæ ſequuntur mucrone terminatæ.

CALYX ſubventricoſus, flaveſcens, *fig.* 1.

COROLLA nulla.

NECTARIA quatuor, ſubrotunda, nuda, *fig.* 2.

STAMINA : FILAMENTA duo, tria, aut plura, viſibilia, exſerta ; ANTHERÆ flavæ, biloculares, loculis ſubrotundis, *fig.* 3.

PISTILLUM : GERMEN pedunculatum, ſubrotundum, nutans ; STIGMATA tria, apice bifida, *fig.* 4, 5.

PERICARPIUM : CAPSULA tricocca, trilocularis, trivalvis, *fig.* 6.

SEMEN unicum in ſingulo loculamento, ovatum, rugoſum ex purpureo fuſcum, *fig.* 7.

ROOT ſimple, fibrous, annual.

STALK upright, round, ſlightly hairy, below branched, the branches oppoſite.

LEAVES growing in no regular order, few, ſmooth, *ſerrated*, and wedge-ſhaped, the lower ones ſtanding on foot-ſtalks, the upper ones ſeſſile.

UMBELL dividing into five, next three, then two, ſpreading, of an equal height at top.

STIPULÆ minutely ſerrated and ſmooth, thoſe of the UMBELL five, ſomewhat oval, ſpreading horizontally, and equal ; thoſe of the *ſmaller* UMBELL three, oval, unequal, the interior one twice as ſmall as the others ; thoſe which follow terminating in a point.

CALYX ſomewhat ſwelled, of a yellowiſh colour, *fig.* 1.

COROLLA wanting.

NECTARIA four, roundiſh and naked, *fig.* 2.

STAMINA : two, three, or more FILAMENTS, viſible beyond the Calyx ; ANTHERÆ yellow, bilocular, the cavities containing the Pollen roundiſh, *fig.* 3.

PISTILLUM : GERMEN placed on a foot-ſtalk, roundiſh, hanging down ; STIGMATA three, bifid at top, *fig.* 4, 5.

SEED-VESSEL a CAPSULE of three protuberating valves, and three cavities, *fig.* 6.

SEEDS one in each cavity, oval, wrinkled, of a purpliſh brown colour, *fig.* 7.

IN ſpeaking of the *Euphorbia Peplus*, I had occaſion to take notice of the difficulty which Students in Botany find in inveſtigating the *Claſs* and *Order* of this Genus, and endeavoured to make it eaſier to them : in this plant the parts of the fructification are ſomewhat larger ; and it differs from the other Spurges in having its leaves finely ſerrated. In its acrimonious quality it is inferior to none ; hence it has often been applied to Warts for the purpoſe of deſtroying them ; but even in this caſe, great care ſhould be uſed in its application. My friend Mr. WILLIAM WAVELL lately informed me of a caſe which fell under his notice in the Iſle of Wight, where from the application of the juice of this Spurge to ſome Warts near the eye of a little girl, the whole face became inflamed to a very great degree.

It is very common in gardens and cultivated ground, flowering in Autumn.